

**EDWARDS & ANGELL, LLP**  
**P. O. Box 55874**  
**Boston, Massachusetts 02205**

**Docket No.**  
**63,131 (70904)**

### DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed at 201) below or an original, first and joint inventor (if plural names are listed at 201-206 below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:  
**ELECTROSTATIC ATTRACTION FLUID JET DEVICE**  
 which is described and claimed in:

☐ the specification attached hereto.

☒ the specification in U.S. Application Serial Number 10/529,244, filed on March 24, 2005.

☒ the specification in PCT international application Number, PCT/JP03/12047 filed on September 22, 2003; and was amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign/PCT Applications and Any Priority Claims Under 35 U.S.C. §119:			
Application No.	Filing Date	Country	Priority Claimed Under 35 U.S.C. §119?
2002-278201	September 24, 2002	Japan	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2002-278210	September 24, 2002	Japan	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2002-278212	September 24, 2002	Japan	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2002-278219	September 24, 2002	Japan	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

10/529244

Rec'd PCT/PTO Page 2 21 OCT 2005

**Prior U.S. Applications or PCT International Applications Designating the U.S-Benefit Under 35 U.S.C. §120**

U.S. Applications		Status (Check One)		
Application Serial No.	U.S. Filing Date	Patented	Pending	Abandoned
PCT Applications Designating the U.S.				
Application No.	Filing Date	U.S. Serial No. Assigned		

**CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)  
(35 U.S.C. §119(e))**

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

Applicant	Provisional Application Number	Filing Date

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) with full powers of association, substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

**ALL PRACTITIONERS AT CUSTOMER NUMBER 21874, Edwards & Angell, LLP,  
P.O. Box 55874, Boston, MA 02205.**

**SEND CORRESPONDENCE TO:**

Edwards & Angell, LLP  
P. O. Box 55874  
Boston, Massachusetts 02205

**DIRECT TELEPHONE CALLS TO:**

David G. Conlin, Reg. No. 27,026  
Phone 617-439-4444 Facsimile 617-439-4170  
Email DConlin@EdwardsAngell.com

10/529244

Rec'd PCT/PTO

Page 3

21 OCT 2005

201	FULL NAME OF INVENTOR	LAST NAME <b>HIGUCHI</b>	FIRST NAME <b>Kaoru</b>	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY <b>Tenri-shi</b>	STATE OR FOREIGN COUNTRY <b>Nara Japan</b>	COUNTRY OF CITIZENSHIP <b>Japan</b>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>762-7, Isonokami-cho</b>	CITY <b>Tenri-shi</b>	STATE OR COUNTRY AND ZIP CODE <b>Nara 632-0011 Japan</b>
202	FULL NAME OF INVENTOR	LAST NAME <b>NISHI</b>	FIRST NAME <b>Yasuo</b>	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY <b>Hino-shi</b>	STATE OR FOREIGN COUNTRY <b>Tokyo</b>	COUNTRY OF CITIZENSHIP <b>Japan</b>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>1, Sakura-machi</b>	CITY <b>Hino-shi</b>	STATE OR COUNTRY AND ZIP CODE <b>Tokyo 191-8511 Japan</b>
203	FULL NAME OF INVENTOR	LAST NAME <b>MURATA</b>	FIRST NAME <b>Kazuhiro</b>	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY <b>Tsukuba-shi</b>	STATE OR FOREIGN COUNTRY <b>Ibaraki</b>	COUNTRY OF CITIZENSHIP <b>Japan</b>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>c/o NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY TSUKUBA CENTRAL 2 1-1-1, Umezono</b>	CITY <b>Tsukuba-shi</b>	STATE OR COUNTRY AND ZIP CODE <b>Ibaraki 305-8568 Japan</b>
204	FULL NAME OF INVENTOR	LAST NAME <b>YOKOYAMA</b>	FIRST NAME <b>Hiroshi</b>	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY <b>Tsukuba-shi</b>	STATE OR FOREIGN COUNTRY <b>Ibaraki</b>	COUNTRY OF CITIZENSHIP <b>Japan</b>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>c/o NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY TSUKUBA CENTRAL 2 1-1-1, Umezono</b>	CITY <b>Tsukuba-shi</b>	STATE OR COUNTRY AND ZIP CODE <b>Ibaraki 305-8568 Japan</b>
205	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
206	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE

I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signature of Inventor 201 <i>Kaoru Higuchi</i>	Signature of Inventor 202
Date: <i>5. May, 2005</i>	Date:
Signature of Inventor 203	Signature of Inventor 204
Date:	Date:
Signature of Inventor 205	Signature of Inventor 206
Date:	Date:

I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signature of Inventor 201	Signature of Inventor 202 <i>Yasuo Nishi</i>
Date:	Date: <i>May, 17, 2005</i>
Signature of Inventor 203	Signature of Inventor 204
Date:	Date:
Signature of Inventor 205	Signature of Inventor 206
Date:	Date:

10/529244

Rec'd PCT/PTO 21 OCT 2005  
Page 4

I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signature of Inventor 201	Signature of Inventor 202
Date:	Date:
Signature of Inventor 203 <i>Kazuhiko Murata</i>	Signature of Inventor 204 <i>Shinichi Yokoyama</i>
Date: <i>May 16, 2005</i>	Date: <i>May 16, 2005</i>
Signature of Inventor 205	Signature of Inventor 206
Date:	Date:

EDWARDS & ANGELL, LLP  
P. O. Box 55874  
Boston, Massachusetts 02205

Docket No.  
63,131 (70904)

# DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed at 201) below or an original, first and joint inventor (if plural names are listed at 201-206 below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:  
ELECTROSTATIC ATTRACTION FLUID JET DEVICE  
which is described and claimed in:

☐ the specification attached hereto.

☒ the specification in U.S. Application Serial Number 10/529,244, filed on March 24, 2005.

☒ the specification in PCT international application Number, PCT/JP03/12047 filed on September 22, 2003; and was amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign/PCT Applications and Any Priority Claims Under 35 U.S.C. §119:			
Application No.	Filing Date	Country	Priority Claimed Under 35 U.S.C. §119?
2002-278201	September 24, 2002	Japan	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2002-278210	September 24, 2002	Japan	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2002-278212	September 24, 2002	Japan	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2002-278219	September 24, 2002	Japan	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

<b>Prior U.S. Applications or PCT International Applications Designating the U.S-Benefit Under 35 U.S.C. §120</b>					
<b>U.S. Applications</b>			<b>Status (Check One)</b>		
<b>Application Serial No.</b>	<b>U.S. Filing Date</b>		<b>Patented</b>	<b>Pending</b>	<b>Abandoned</b>
<b>PCT Applications Designating the U.S.</b>					
<b>Application No.</b>	<b>Filing Date</b>	<b>U.S. Serial No. Assigned</b>			

**CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)**  
**(35 U.S.C. §119(e))**

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

<b>Applicant</b>	<b>Provisional Application Number</b>	<b>Filing Date</b>

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) with full powers of association, substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

**ALL PRACTITIONERS AT CUSTOMER NUMBER 21874, Edwards & Angell, LLP,  
P.O. Box 55874, Boston, MA 02205.**

<b>SEND CORRESPONDENCE TO:</b> Edwards & Angell, LLP P. O. Box 55874 Boston, Massachusetts 02205	<b>DIRECT TELEPHONE CALLS TO:</b> David G. Conlin, Reg. No. 27,026 Phone 617-439-4444 Facsimile 617-439-4170 Email DConlin@EdwardsAngell.com
---	---



201	FULL NAME OF INVENTOR	LAST NAME <b>HIGUCHI</b>	FIRST NAME <b>Kaoru</b>	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY <b>Tenri-shi</b>	STATE OR FOREIGN COUNTRY <b>Nara Japan</b>	COUNTRY OF CITIZENSHIP <b>Japan</b>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>762-7, Isonokami-cho</b>	CITY <b>Tenri-shi</b>	STATE OR COUNTRY AND ZIP CODE <b>Nara 632-0011 Japan</b>
202	FULL NAME OF INVENTOR	LAST NAME <b>NISHI</b>	FIRST NAME <b>Yasuo</b>	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY <b>Hino-shi</b>	STATE OR FOREIGN COUNTRY <b>Tokyo</b>	COUNTRY OF CITIZENSHIP <b>Japan</b>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>1, Sakura-machi</b>	CITY <b>Hino-shi</b>	STATE OR COUNTRY AND ZIP CODE <b>Tokyo 191-8511 Japan</b>
203	FULL NAME OF INVENTOR	LAST NAME <b>MURATA</b>	FIRST NAME <b>Kazuhiro</b>	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY <b>Tsukuba-shi</b>	STATE OR FOREIGN COUNTRY <b>Ibaraki</b>	COUNTRY OF CITIZENSHIP <b>Japan</b>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>c/o NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY TSUKUBA CENTRAL 2 1-1-1, Umezono</b>	CITY <b>Tsukuba-shi</b>	STATE OR COUNTRY AND ZIP CODE <b>Ibaraki 305-8568 Japan</b>
204	FULL NAME OF INVENTOR	LAST NAME <b>YOKOYAMA</b>	FIRST NAME <b>Hiroshi</b>	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY <b>Tsukuba-shi</b>	STATE OR FOREIGN COUNTRY <b>Ibaraki</b>	COUNTRY OF CITIZENSHIP <b>Japan</b>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>c/o NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY TSUKUBA CENTRAL 2 1-1-1, Umezono</b>	CITY <b>Tsukuba-shi</b>	STATE OR COUNTRY AND ZIP CODE <b>Ibaraki 305-8568 Japan</b>
205	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
206	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE

EDWARDS & ANGELL, LLP  
P. O. Box 55874  
Boston, Massachusetts 02205

Docket No.  
63,131 (70904)

### DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed at 201) below or an original, first and joint inventor (if plural names are listed at 201-206 below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ELECTROSTATIC ATTRACTION FLUID JET DEVICE

which is described and claimed in:

☐ the specification attached hereto.

☒ the specification in U.S. Application Serial Number 10/529,244, filed on March 24, 2005.

☒ the specification in PCT international application Number, PCT/JP03/12047 filed on September 22, 2003; and was amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign/PCT Applications and Any Priority Claims Under 35 U.S.C. §119:			
Application No.	Filing Date	Country	Priority Claimed Under 35 U.S.C. §119?
2002-278201	September 24, 2002	Japan	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2002-278210	September 24, 2002	Japan	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2002-278212	September 24, 2002	Japan	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2002-278219	September 24, 2002	Japan	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

<b>Prior U.S. Applications or PCT International Applications Designating the U.S-Benefit Under 35 U.S.C. §120</b>					
<b>U.S. Applications</b>			<b>Status (Check One)</b>		
<b>Application Serial No.</b>	<b>U.S. Filing Date</b>		<b>Patented</b>	<b>Pending</b>	<b>Abandoned</b>
<b>PCT Applications Designating the U.S.</b>					
<b>Application No.</b>	<b>Filing Date</b>	<b>U.S. Serial No. Assigned</b>			

**CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)  
(35 U.S.C. §119(e))**

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

<b>Applicant</b>	<b>Provisional Application Number</b>	<b>Filing Date</b>

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) with full powers of association, substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

**ALL PRACTITIONERS AT CUSTOMER NUMBER 21874, Edwards & Angell, LLP,  
P.O. Box 55874, Boston, MA 02205.**

<b>SEND CORRESPONDENCE TO:</b> Edwards & Angell, LLP P. O. Box 55874 Boston, Massachusetts 02205	<b>DIRECT TELEPHONE CALLS TO:</b> David G. Conlin, Reg. No. 27,026 Phone 617-439-4444 Facsimile 617-439-4170 Email DConlin@EdwardsAngell.com
---	---

201	FULL NAME OF INVENTOR	LAST NAME <b>HIGUCHI</b>	FIRST NAME <b>Kaoru</b>	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY <b>Tenri-shi</b>	STATE OR FOREIGN COUNTRY <b>Nara Japan</b>	COUNTRY OF CITIZENSHIP <b>Japan</b>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>762-7, Isonokami-cho</b>	CITY <b>Tenri-shi</b>	STATE OR COUNTRY AND ZIP CODE <b>Nara 632-0011 Japan</b>
202	FULL NAME OF INVENTOR	LAST NAME <b>NISHI</b>	FIRST NAME <b>Yasuo</b>	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY <b>Hino-shi</b>	STATE OR FOREIGN COUNTRY <b>Tokyo</b>	COUNTRY OF CITIZENSHIP <b>Japan</b>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>1, Sakura-machi</b>	CITY <b>Hino-shi</b>	STATE OR COUNTRY AND ZIP CODE <b>Tokyo 191-8511 Japan</b>
203	FULL NAME OF INVENTOR	LAST NAME <b>MURATA</b>	FIRST NAME <b>Kazuhiro</b>	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY <b>Tsukuba-shi</b>	STATE OR FOREIGN COUNTRY <b>Ibaraki</b>	COUNTRY OF CITIZENSHIP <b>Japan</b>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>c/o NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY TSUKUBA CENTRAL 2 1-1-1, Umezono</b>	CITY <b>Tsukuba-shi</b>	STATE OR COUNTRY AND ZIP CODE <b>Ibaraki 305-8568 Japan</b>
204	FULL NAME OF INVENTOR	LAST NAME <b>YOKOYAMA</b>	FIRST NAME <b>Hiroshi</b>	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY <b>Tsukuba-shi</b>	STATE OR FOREIGN COUNTRY <b>Ibaraki</b>	COUNTRY OF CITIZENSHIP <b>Japan</b>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>c/o NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY TSUKUBA CENTRAL 2 1-1-1, Umezono</b>	CITY <b>Tsukuba-shi</b>	STATE OR COUNTRY AND ZIP CODE <b>Ibaraki 305-8568 Japan</b>
205	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
206	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE